

# IBM Nways RouteSwitch Network Management Suite Version 3.2

- **Provides complete configuration, monitoring and diagnostic information for your entire RouteSwitch network**
- **Year 2000 ready**
- **Allows the creation and management of policy-based virtual LANs (VLANs) for your RouteSwitch LAN switches through a graphical application**
- **Draws a logical network map by configuring and monitoring ATM connections and services**
- **Provides real-time graphical views, statistical information for accounting and performance monitoring, security setting and all configuration options**
- **Runs on Sun Solaris, AIX® and HP-UX platforms (Nways® RouteSwitch Network Manager for UNIX and Nways RouteTracker Manager for UNIX)**
- **Includes two new programs, Nways RouteVision Workgroup Manager and Nways RouteVision Campus Manager for Windows NT® and Windows® 95 platforms**

The IBM Nways RouteSwitch Network Management Suite provides comprehensive configuration, monitoring, tracking and VLAN management for your IBM 8273 Nways Ethernet RouteSwitch, IBM 8274 Nways LAN RouteSwitch or IBM 8277 Nways Ethernet RouteSwitch networks.

# Product Overview

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## RouteSwitch Network Manager for UNIX

Nways RouteSwitch Network Manager (NRNM) uses detailed graphics and real-time reporting of network performance, alarms and configurations, making it a valuable tool for ensuring that your RouteSwitch network is operating efficiently.

It provides a powerful graphical application that allows you to easily create and manage policy-based virtual LANs (VLANs) for your 8273s, 8277s and 8274s. You can view relationships among groups, VLANs and devices across your entire RouteSwitch network.

NRNM can be used as a stand-alone application or can be integrated with a variety of enterprise network management platforms to provide powerful network management for your entire network, including all vendors' equipment.

NRNM runs on AIX, HP-UX and Sun Solaris or can be integrated with a variety of enterprise network management platforms including TME 10 NetView® and HP OpenView.

And the 8273 supports ASCII console, software and configuration downloads through the network and a powerful protocol tool-kit that includes FTP,SLIP, Telnet, Zmodem and RMON.

## RouteTracker Manager for UNIX

Nways RouteTracker Manager (NRTM) offers powerful, comprehensive and flexible VLAN capability and adds automatic policy-based VLANs to LAN and ATM switching.

Traditionally each hub, hub segment or ring is a broadcast domain, and routers are used to connect these domains. In switched networks a VLAN is a broadcast domain with routing still used to connect the domains. So you get the same networking function provided in a switched network with the added high-throughput and low-latency benefits of switching.

With VLANs, frames are switched within a VLAN and routed between VLANs, making a VLAN a high-speed, flexible version of traditional networking practices. The VLAN management support in the NRTM allows you to arrange your users into logical groups, regardless of their physical location and making more efficient use of scarce network addresses and simplifying the process of moving devices around your network.

NRTM runs on AIX, HP-UX and Sun Solaris or can be integrated with a variety of enterprise network management platforms including TME 10 NetView and HP OpenView.

## RouteVision Workgroup Manager

Nways RouteVision Workgroup Manager (NRWM), a new management application included with RouteSwitch Management Suite V3.2, includes the previously known RouteSwitch Network Manager, RouteTracker Manager RouteMonitor and RouteDirector applications integrated into one application.

This integrated suite can be used to manage IBM 8277 Nways Ethernet RouteSwitch and IBM 8273 Ethernet RouteSwitch lines.

NRWM runs on Windows 95 and Windows NT and provides the following functions:

- Complete configuration, monitoring and diagnostic information for the 8277 and 8273 Ethernet switches
- Creation and management of policy-based virtual LANs
- Statistic and alarm monitoring of the switch network
- Logical network maps of the switch network.

## RouteVision Campus Manager

Nways RouteVision Campus Manager (NRCM), a new management application included with RouteSwitch Management Suite V3.2, includes the previously known RouteSwitch Network Manager, RouteTracker Manager RouteMonitor and RouteDirector applications integrated into one application.

This integrated suite of applications can be used to manage the entire line of RouteSwitch products, including the 8277, the 8273, the 8274 and RouteCell platforms.

NRCM runs on Windows 95 and Windows NT and supports the following functions:

- Complete configuration, monitoring and diagnostic information for 8277, 8273 and 8274 switches and RouteCell platforms
- Creation and management of policy-based virtual LANs
- Statistic and alarm monitoring of the switch network
- Logical network maps of the switch network.

## One convenient package

The Nways RouteSwitch Network management Suite is distributed in one package with the following materials:

- A variety of media formats (CD-ROM, tape or diskette)
- Release notes
- User's Guide
- Proof of Entitlement (PoE)
- International Program License Agreement Booklet
- International Program License Information

**Year 2000 ready**

The Nways RouteSwitch Network Management Suite V3.2 is Year 2000 ready when used in accordance with its associated documentation and is capable of correctly processing, providing and receiving data within and between the 20th and 21st centuries, provided that all other hardware, software, and/or firmware used with the product properly exchange accurate data with it.

## Nways RouteSwitch Manager Suite Ordering Information

### **Nways RouteSwitch Network Manager**

<b>Program</b>	<b>Program Number</b>	<b>FC</b>	<b>PN</b>
Nways RouteSwitch Network Manager V 3.2 for UNIX	5801-AAR	2444	4300150
Nways RouteTracker Manager V 3.2 for UNIX	5801-AAR	2458	4300158
Nways RouteVision Workgroup Manager	5801-AAR	2484	4300193
Nways RouteVision Campus Manager	5801-AAR	2485	4300194

## Supplementary Information

Information on the RouteSwitch Network Management Suite is available at:  
[www.networking.ibm.com/netmgt](http://www.networking.ibm.com/netmgt)